

ABSTRACT OF THE DISCLOSURE

A method for delivering cells into a subject by administering cells into the intradermal space of the skin of the subject by a microneedle. The cells are associated with cellular based therapeutics and vaccines and delivered by perpendicular insertion of the microneedle. The microneedle is a hollow needle having an exposed height of between about 0 and 1 mm, a total length of between about 0.3 mm to 2.5 mm, and a size of equal to or less than 30 gauge. An array of microneedles can also be used.